Thalassa cruise 29/07-28/08

- 4 days transit + 3-4 day return transit (with a few CTD stations, instrumental tests)
- 3 days for larger scale drifter/float regional deployments (a few CTDs?)
- 5-6 days for 80 km*80 km regional survey

(2 (?) gliders + scanfish) centered on 26N/35W (or best chosen area with respect to SPURS)

- 12-13 days for 3 site survey

The early models (in 2005)

- SIO (SBE 37 SI)

- Metocean (SBE 47)

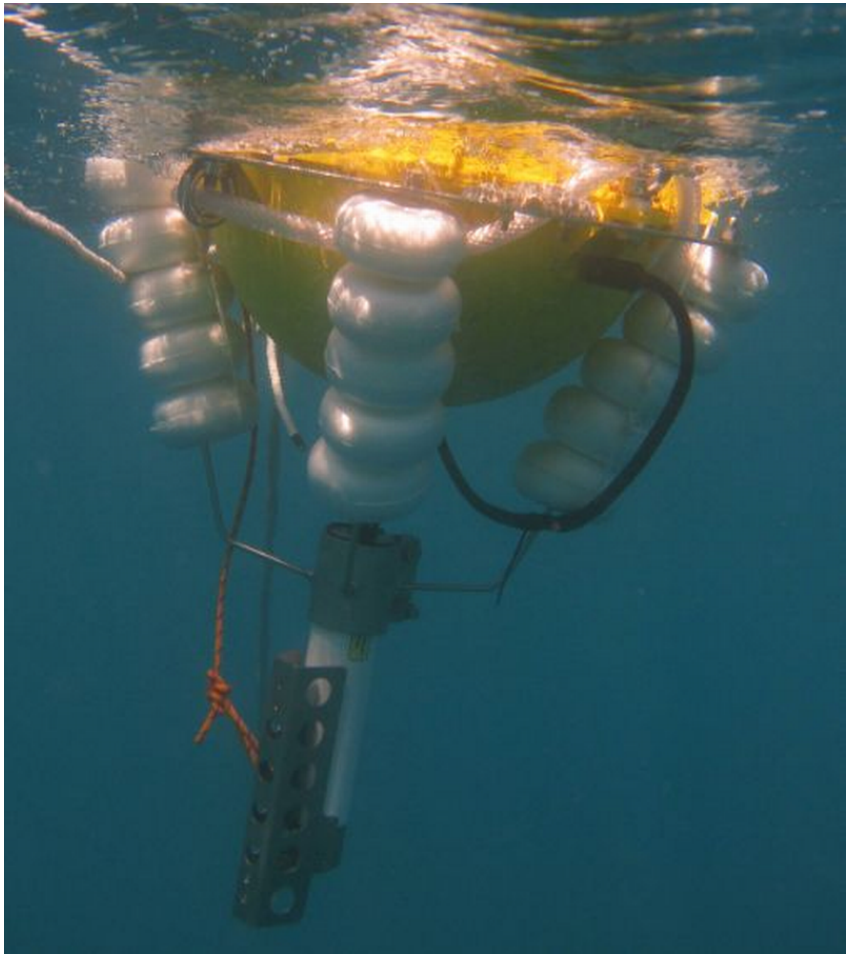
Since then, C/T SeaBird sensors are all unpumped SBE 37 SI sensors;
Also, comments on difference in T and C depths resulted tinsome small changes (sensors now closer)
Changes in drogue attachment + added SST measurement (Metocean), SLP measurements (PacificGyre);

Drifters deployed April-May and recovered by l'Argonaute December 2005

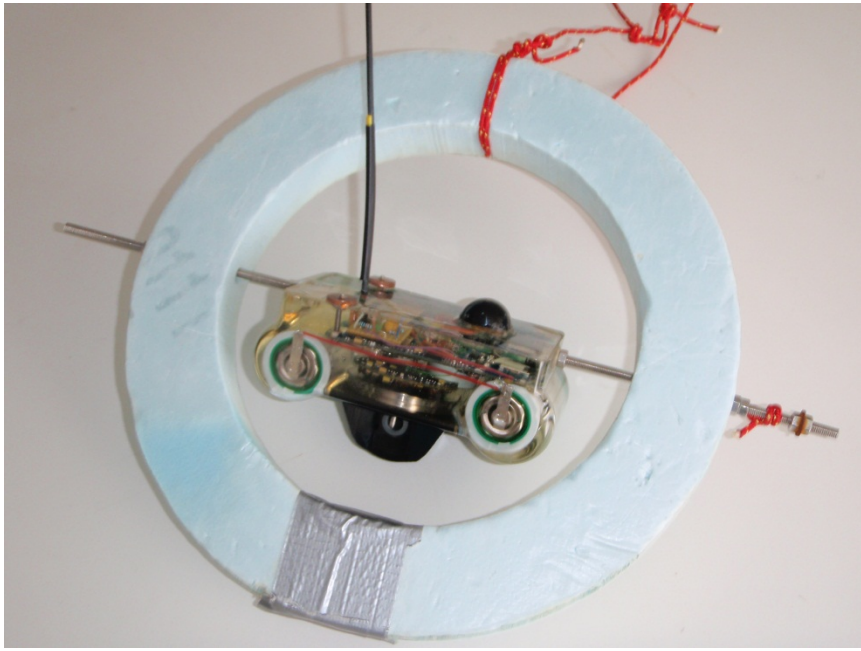
Biais: -0.010 à comparer à celui de CoSMOS2 +0.001

Biais de –0.005 à comparer à celui du déploiement – 0.009

ICM/CSIC

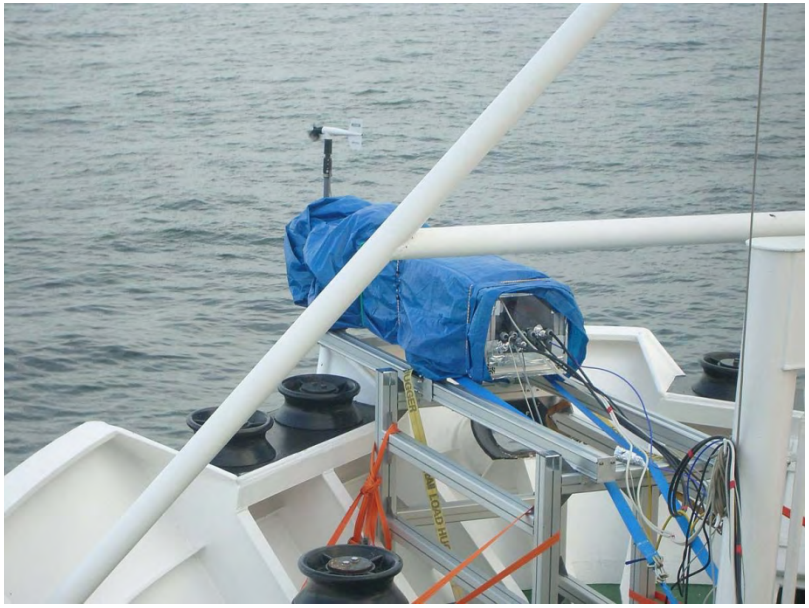


surpact



Measurements from ship

ACFT instrument : renewal of surface layer for evaporation estimates



Thalassa with flux mast

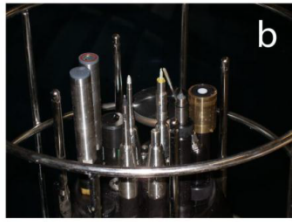
+ surface measurements towed from the ship and towed scanfish (night); CTD, scamp , optical package (day-time?)

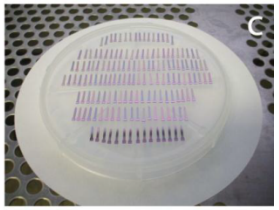
Autonomous measurements

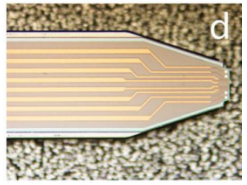
- Ocarina Vaimos ASIP Drifters

Flux trimaran
12 hours

Autonomous
sailing ship
>2-3 days







5 wave SVP drifters
+ surpact
5 other drifters SVP

Selection of areas of study (filaments?)
From land-based groups from model analyses
And Lagrangian diagnostics